#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Daniel J. Bolda et al.

§ § Group Art Unit:

2819

Serial No .:

09/675,858

§

Examiner:

Jeanglaude, Jean B.

Filed:

September 29, 2000

For:

ADJUSTABLE GAIN PRECISION

FULL WAVE RECTIFIER WITH

REDUCED ERROR

Atty. Docket: 99AB139-A/YOD

ALBR:0067--1

VIA Facsimile (703) 308-6251

Assistant Commissioner for Patents **BOX ISSUE FEE** 

Washington, D.C. 20231

CERTIFICATE OF TRANSMISSION OR MAILING 37 C.F.R. 1.8

I hereby certify that this correspondence is being transmitted by facsimile to the United States Patent and Trademark Office in accordance with 37 C.F.R. 1.6(d) or is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date below:

ugust 27, 2002

Sir:

#### AMENDMENT UNDER 37 C.F.R. § 1.312

Applicants hereby request an amendment in accordance with 37 C.F.R. § 1.312 as summarized below.

Prior to issuance of the above-referenced application, Applicants hereby request entry of the following amendment:

#### IN THE SPECIFICATION

Please add the following sentence directly below the title in the specification:

The following is a continuation of application Serial No. 09/407,603, filed on September 28, 1999.

Serial no. 09/675,858 Amendment Under 37 C.F.R. §1.312 Page 2

#### **REMARKS**

Applicants wish to thank the Examiner for the brief telephonic interview held with the undersigned on August 27, 2002 in which the Examiner pointed out the inadvertent exclusion of the cross-reference to the earlier-filed application, of which the present application is a continuation. By the present amendment the required cross-reference is added. Should the Examiner have any questions concerning the amendment, the Examiner is invited to contact the undersigned at the telephone number listed below.

Attached hereto is a marked-up version of the changes made to the drawings and claims by the current amendment. The attached page is captioned <u>"Version with markings to show changes made."</u>

Date: 3/27/2002

Respectfully submitted,

Patrick S. Voder Reg. No. 37,479 Fletcher, Yoder & Van Someren P.O. Box 692289 Houston, TX 77269-2289 (281) 970-4545

CORRESPONDENCE ADDRESS
ALLEN-BRADLEY COMPANY, LLC
Patent Department/704P Floor 8 T-29
1201 South Second Street
Milwaukee, Wisconsin 53204
Attention: Mr. Alexander Gerasimow
Phone: (414) 382-2000

Serial no. 09/675,858 Amendment Under 37 C.F.R. §1.312 Page 3

#### **VERSION WITH MARKINGS TO SHOW CHANGES MADE**

#### IN THE SPECIFICATION

The specification has been changed to add the following:

The following is a continuation of application Serial No. 09/407,603, filed on September 28, 1999.

\*

TRANSMISSION OK

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## FLETCHER, YODER & VAN SOMEREN

A Professional Corporation

Attorneys at Law

7915 FM 1960 West, Suite 330 Houston, Texas 77070

Post Office Box 692289 Houston, Texas 77269-2289

> Telephone (281) 970-4545 Facsimile (281) 970-4503

| Facsimile Transmission             |                                       |  |  |  |
|------------------------------------|---------------------------------------|--|--|--|
| DATE:<br>August 27, 2002           | FILE:<br>99AB139-A/ALBR:00671         |  |  |  |
| TO:<br>Examiner Jean B. Jeanglaude | COMPANY:<br>Patent & Trademark Office |  |  |  |
| FROM:<br>Patrick S. Yoder          | EXTENSION: (281) 970-4545             |  |  |  |
| FACSIMILE NUMBER: (703) 308-6251   | NUMBER OF PAGES TO FOLLOW:            |  |  |  |

### URGENT, PLEASE DELIVER IMMEDIATELY

NOTES/COMMENTS:

Amendment under 37 C.F.R. § 1.312 attached.

Thank you.

#### FLETCHER, YODER & VAN SOMEREN

A Professional Corporation

Attorneys at Law

7915 FM 1960 West, Suite 330 Houston, Texas 77070

Post Office Box 692289 Houston, Texas 77269-2289

> Telephone (281) 970-4545 Facsimile (281) 970-4503

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| DATE:<br>August 27, 2002           | FILE: 99AB139-A/ALBR:00671         |  |  |  |
| TO:<br>Examiner Jean B. Jeanglaude | COMPANY: Patent & Trademark Office |  |  |  |
| FROM:<br>Patrick S. Yoder          | EXTENSION: (281) 970-4545          |  |  |  |
| FACSIMILE NUMBER: (703) 308-6251   | NUMBER OF PAGES TO FOLLOW: 3       |  |  |  |

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NOTES/COMMENTS:

Amendment under 37 C.F.R. § 1.312 attached.

Thank you.

#### **CONFIDENTIALITY NOTE**

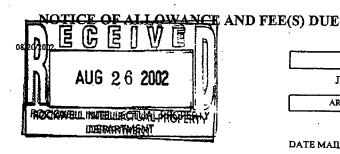
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John J Horn Rockwell Automation 1201 South Second Street Milwaukee, WI 53204



| . EX                    | AMINER         |  |  |  |
|-------------------------|----------------|--|--|--|
| JEANGLAUD               | E, JEAN BRUNER |  |  |  |
| ART UNIT CLASS-SUBCLASS |                |  |  |  |
| 2819                    | 341-139000     |  |  |  |

DATE MAILED: 08/20/2002

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO 09/675,858 09/29/2000 Daniel J. Bolda 99AR139-A DOCKETED TITLE OF INVENTION: ADJUSTABLE GAIN PRECISION FULL WAVE RECTIFIER WITH REDUCED ERROR CHEC'D APPLN, TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE NO \$1280 nonprovisional 20 11/20/2002

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED, THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

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If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Page 1 of 4

RAV ALBR:0067

PTOL-85 (REV. 04-02) Approved for use through 01/31/2004.

|   |  |   | Me                         |
|---|--|---|----------------------------|
|   | Application No.  | Applicant(s)  |                            |
| Notice of Allowability  | 09/675,858   | BOLDA ET AL   |                            |
| Notice of Allowability  | Examiner   | Art Unit  |                            |
|   | Jean B Jeanglaude  | 2819  |                            |
| The MAILING DATE of this communication appearance All daims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313 | (OR REMAINS) CLOSED in<br>or other appropriate commi<br>IGHTS. This application is a<br>and MPEP 1308. | n this application. If not include unication will be mailed in due of   | d<br>course THIS           |
| 1. This communication is responsive to <u>amendment files on (</u>  | <u>06-19-02</u> .  | •   |                            |
| 2. The allowed claim(s) is/are 32-69.   |  |   |                            |
| 3. The drawings filed on are accepted by the Examine  |  | 40  |                            |
| <ul> <li>4. ☐ Acknowledgment is made of a claim for foreign priority und</li> <li>a) ☐ All b) ☐ Some* c) ☐ None of the:</li> </ul>  | der 35 U.S.C. § 119(a)-(d) o   | τ <b>(†).</b>   |                            |
| <ol> <li>Certified copies of the priority documents have</li> </ol>   | been received.   |   |                            |
| 2. Certified copies of the priority documents have  | been received in Application   | n No ,  |                            |
| <ol> <li>Copies of the certified copies of the priority doc<br/>International Bureau (PCT Rule 17.2(a)).</li> </ol>   | cuments have been received   | d in this national stage applicati  | on from the                |
| * Certified copies not received:  | •  | •   | i                          |
| 5. Acknowledgment is made of a claim for domestic priority ur   |  |   |                            |
| (a) The translation of the foreign language provisional a   | •  |   |                            |
| 6. Acknowledgment is made of a claim for domestic priority ur   | nder 35 U.S.C. §§ 120 and/c  | or 121:   |                            |
| Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of t   | this communication to file a his application. THIS THR   | reply complying with the requir<br>EE-MONTH PERIOD IS NOT E   | ements noted<br>XTENDABLE. |
| 7. A SUBSTITUTE OATH OR DECLARATION must be subm<br>INFORMAL PATENT APPLICATION (PTO-152) which gives reason  | itted. Note the attached EXA<br>on(s) why the oath or declar   | AMINER'S AMENDMENT or NO ation is deficient.  | OTICE OF                   |
| <ul> <li>8.  ☐ CORRECTED DRAWINGS must be submitted.</li> <li>(a) ☐ including changes required by the Notice of Draftspers</li> <li>1) ☐ hereto or 2) ☐ to Paper No. 9.</li> <li>(b) ☐ including changes required by the proposed drawing continuous continuous changes.</li> </ul>             | -  | ,   | aminor                     |
| (c) ☐ including changes required by the attached Examiner's   |  |   |                            |
| (c) I moreous crianges refunes by the attached Examiner of  | or an entertient of Other Of   | in the Office action of Paper 14  | ·                          |
| Identifying Indicia such as the application number (see 37 CFR 1.8 of each sheet. The drawings should be filed as a separate paper v  | 34(c)) should be written on the with a transmittal letter addre  | e drawings in the top margin (not<br>ssed to the Official Draftsperson  | the back)                  |
| 9. ☐ DEPOSIT OF and/or INFORMATION about the depos attached Examiner's comment regarding REQUIREMENT FOR TH   | it of BIOLOGICAL MATE<br>TE DEPOSIT OF BIOLOGIC  | RIAL must be submitted. No<br>AL MATERIAL.  | te the                     |
| Attachment(s)   |  |   |                            |
| . ,   | OF Makes &   | Informal Datast Assistant 197   | -0.450)                    |
| <ul> <li>Notice of References Cited (PTO-892)</li> <li>Notice of Draftperson's Patent Drawing Review (PTO-948)</li> <li>Information Disclosure Statements (PTO-1449), Paper No</li> <li>Examiner's Comment Regarding Requirement for Deposit of Biological Material</li> </ul>                  | 4 Interview 6 Examiner   | Informal Patent Application (PT<br>Summary (PTO-413), Paper No<br>'s Amendment/Comment<br>'s Statement of Reasons for All | o                          |
|   |  | Pegu Ti   | ou Pierce                  |
|   |  | PEGUY JEA   | NPIERRE                    |
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U.S. Patent and Trademark Office

PTO-37 (Rev. 04-01)

Notice of Allowability

Part of Paper No. 12 .



#### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231 www.uspto.gov.

| APPLICATION NO.                 | FILING DATE    | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.    | CONFIRMATION NO. |
|---------------------------------|----------------|----------------------|------------------------|------------------|
| 09/675,858                      | 09/29/2000     | Daniel J. Bolda      | 99AB139-A              | 1079             |
| 7                               | 590 08/20/2002 |                      | EXAMINE                | ER .             |
| John J Horn<br>Rockwell Automat | tion           |                      | ÆANGLAUDE, Æ           | AN BRUNER        |
| 1201 South Second               | i Street       |                      | ART UNIT               | PAPER NUMBER     |
| Milwaukee, WI 53                | 204            |                      | 2819                   |                  |
|                                 |                | ים<br>גם             | ATE MAILED: 08/20/2002 |                  |

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The patent term adjustment to date is 0 days. If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the term adjustment will be 0 days.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (http://pair.uspto.gov)



United States Department of Dommerce United States Parent and Trademark Office Address: Commissioned of Parents and Trademarks Washington, D.O. 2020]

FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. AFFLICATION NO. FILING DATE

09/675,858

09/29/2000

Daniel J. Bolds

99AB139-A

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04/07/2002

lohn l Hom Rockwell Automation 1201 South Second Street Milwaukee, WI 53204

EXAMINER

JEANGLAUDE, JEAN BRUNER

ART UNIT

PAPER NUMBER

2819

DATE MAILED: 09/07/2002

Please find below and/or attached an Office communication concerning this application or proceeding.



RAV ALBRIDO67 ICB-AME

PTO-90C (Rev. 07-01)

|                                    |   | Application No.             | Applicant(s)                |                |
|------------------------------------|---|-----------------------------|-----------------------------|----------------|
| Response to Rule 312 Communication |   | 09/675,858                  | BOLDA ET AL                 |                |
|                                    |   | Examiner                    | Art Unit                    |                |
|                                    |   | Jean B Jeanglaude           | 2819                        |                |
|                                    | - The MAILING DATE of this communication a  | appears on the cover sheet  | with the correspondence     | address –      |
| 1. 🔯 The                           | amendment filed on <u>27 August 2002</u> under 37 CFR   | ! 1 312 has been considered | and has been                |                |
| a) 🔀                               |   |                             | and has been.               | ٠              |
| b) 🗆                               | entered as directed to matters of form not affecting  | the scope of the invention  |                             |                |
| c) 🗀                               | disapproved because the amendment was filed af  |                             | inn                         | 1              |
|                                    | Any amendment filed after the date the issue for and the required fee to withdraw the application | e is paid must be accompan  | ed by a petition under 37 C | FR 1.313(c)(1) |
| d) 🗌                               | disapproved. See explanation below.   |                             | ÷                           |                |
| e) 🔲                               | entered in part. See explanation below.   |                             |                             |                |
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|                                    |   |                             | PEGUY JEANPIERRE            | -              |
|                                    |   |                             | PRIMARY EXAMINER            | İ              |

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| Identification of App               | lication:                             | 09/675            | 959                                   |  | ,             |      |
| Serial No.                          |                                       | UT OFFER          | THE STAVE                             | प्रमानाम् अस   | WITH          | _    |
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| TO DITTE                            | MIRTOR PRINCE                         | rx                | <u>-</u>                              |  | 1 1 1         |      |
| Applicant Dani                      | el J. Bold                            | a et al.          | <del></del>                           |  |               | 1    |
| Application Services                | Rockwell                              |                   |                                       |  | YOD           |      |
|                                     | 67-1/99AB                             | 139 <b>-</b> A    |                                       | Attorney   | 1/20/02       | _    |
| 7 T 77 - (1)                        | · · · · · · · · · · · · · · · · · · · |                   |                                       |  |               |      |
| File No. ALBR: 00<br>Mailed 10/23/0 |                                       | Filed             |                                       | Due Date   |               |      |

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In r | e App | lication | of: |
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Daniel J. Bolda et al.

Serial No.:

09/675,858

Filed:

September 29, 2000

For:

ADJUSTABLE GAIN PRECISION

FULL WAVE RECTIFIER WITH

REDUCED ERROR

Group Art Unit:

2819

Examiner:

Jeanglaude, Jean B.

Atty Docket: 99AB139-A/YOD

(ALBR:0067--1)

**Assistant Commissioner** for Patents Washington, D.C. 20231

ATTN: OFFICIAL DRAFTSMAN

CERTIFICATE OF MAILING 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date below:

10/23/02

Date

Sir:

#### TRANSMITTAL OF FORMAL DRAWINGS

Enclosed are two (2) sheets of formal drawings for the above-referenced patent application.

Respectfully submitted,

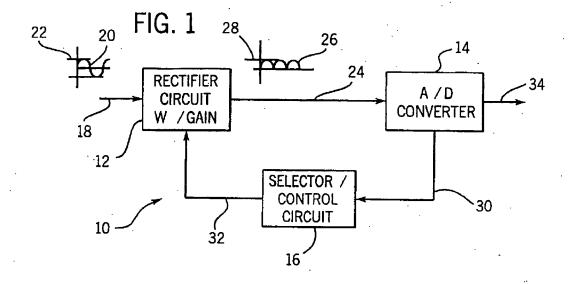
10/23/2002

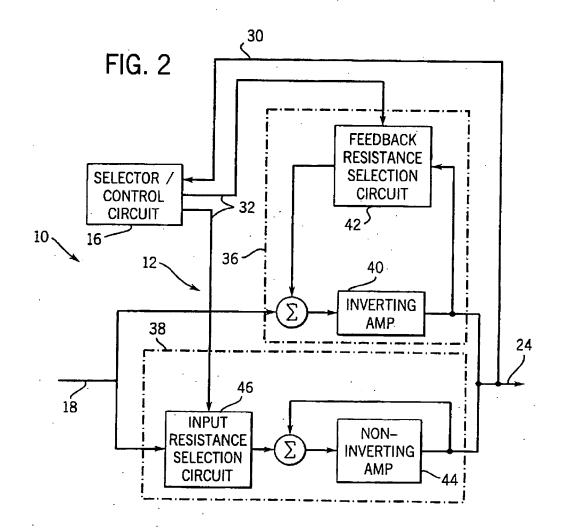
Patrick S. Yoder Reg. No. 37,479

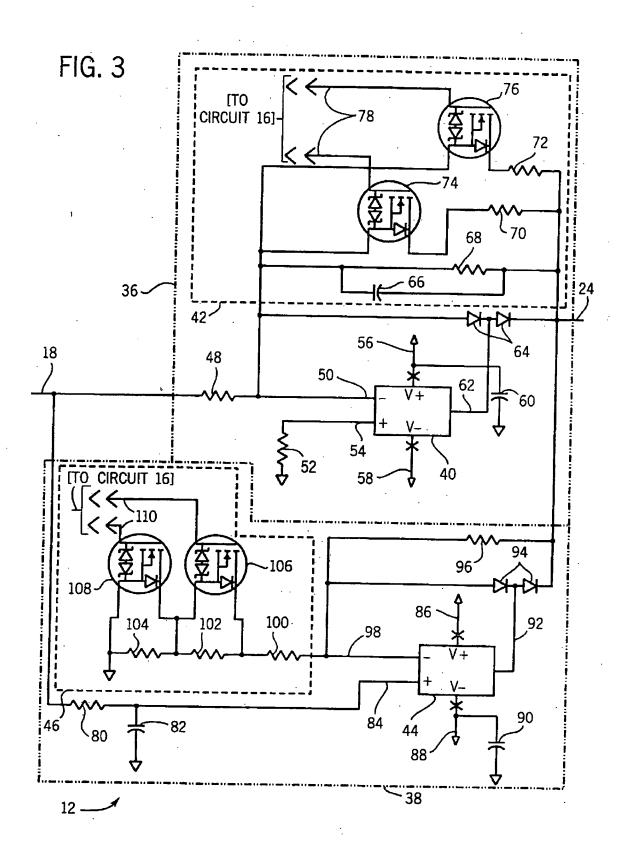
Fletcher, Yoder & Van Someren

P.O. Box 692289

(281) 970-4545









A Professional Corporation

Attorneys at Law

7915 FM 1960 West, Suite 330 Houston, Texas 77070

Post Office Box 692289 Houston, Texas 77269-2289

> Telephone (281) 970-4545 Facsimile (281) 970-4503

| Facsimile Transmission                          |                                  |  |  |  |
|---|----------------------------------|--|--|--|
| DATE:   | FILE:                            |  |  |  |
| March 15, 2005                                  | ALBR:0067-1                      |  |  |  |
| TO:   | COMPANY:                         |  |  |  |
| Darlene Lyon                                    | U.S. Patent and Trademark Office |  |  |  |
| FROM:   | extension:                       |  |  |  |
| Patrick S. Yoder                                | (281) 970-4545                   |  |  |  |
| FACSIMILE NUMBER: NUMBER OF PAGES TO FOLLOW: 42 |                                  |  |  |  |

#### **URGENT, PLEASE DELIVER IMMEDIATELY**

NOTES/COMMENTS:

Re: Serial No. 09/675,858

Please find attached copies of the papers pertaining to the above-identified application as we discussed on March 10.

If you have any questions, please do not hesitate to contact me. Thanks again for your help in this matter.

Sincerely,

Patrick S. Yoder

#### CONFIDENTIALITY NOTE

The documents accompanying this facsimile transmission contain information from the law firm of Fletcher Yoder which is confidential or privileged. The information is intended to be for the use of the individual or entity named on this transmission sheet. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the contents of this faxed information is probibited. If you have received this facsimile in error, please notify us by telephone immediately so that we can arrange for the retrieval of the original documents at no cost to you.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Box ISSUE FEE

Commissioner for Patents Washington, D.C. 20231

(703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and FUBLICATION FEE (if required). Blocks I through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly main-up with any corrections or use Block 1)

Note: A certificate of mailing can only be used for domestic mailings of the

08/20/2002

John J Horn Rockwell Automation 1201 South Second Street Milwaukee, WI 53204

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Malling or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

| (Depositor's name) | ^    | ahue | Don | Susan M. |
|--------------------|------|------|-----|----------|
| (Signature)        | rue_ | Dona | m.  | Susan    |
| (Date)             |      | 2002 | 12, | November |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/675,858      | 09/29/2000  | Daniel J. Bolda      | 99AB139-A           | 1079             |

TITLE OF INVENTION: ADJUSTABLE GAIN PRECISION FULL WAVE RECTIFIER WITH REDUCED ERROR

| APPLN. TYPE   | SMALL ENTITY  | ISSUE FEE                                    | PUBLICATION FEE   | TOTAL FEE(S) DUE        | DATE DUE            |  |
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| nonprovisional  | NO  | \$1280                                       | \$0   | \$1280                  | 11/20/2002          |  |
| EXAM  | INER  | ART UNIT                                     | CLASS-SUBCLASS  |                         |                     |  |
| JEANGLAUDE,   | JEAN BRUNER   | 2819   | 341-139000  |                         | •                   |  |
| 1. Change of corresponde<br>CFR 1.363).                           | nce address or indication of                                  | "Fee Address" (37                            | 2. For printing on the patent from the names of up to 3 registered  | patent attorneys , Robe | rt A. Van Someren   |  |
| ☐ Change of correspond<br>Address form PTO/SB/                    | lence address (or Change of<br>122) attached.                 | single firm (having as a member a registered |   | ber a registered , Alex | exander M. Gerasimo |  |
| O "Fee Address" indicate PTO/SB/47; Rev 03-02 Number is required. | tion (or "Fee Address" Indice<br>or more recent) attached. Us | ation form<br>se of a Customer               | attorney or agent) and the nar<br>registered patent attorneys or ag-<br>is listed, no name will be printed. | ents. If no name Will   | iam R. Walbrun      |  |

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

| ROCKWell Automation Technolo   | ogies, Inc. Mayfield Heights, Ohio 44124  |
|--|---|
| Please check the appropriate assignce category or category   | ories (will not be printed on the patent)   |
| 4a. The following fee(s) are enclosed:   | 4b. Payment of Fee(s):  |
| ≥ Issue Foc  | A check in the amount of the fee(8) is enclosed.  |
| ☐ Publication Fee  | ☐ Payment by credit card. Form PTO-2038 is attached.  |
| ☐ Advance Order - # of Copies  | The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number |
| Commissioner for Patents is requested to apply the Issue   | e Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.      |
| (Authorized Signature)  (Authorized Signature)  (Authorized Signature)   | (Date) 11-12-02   |
| NOTE: The Issue Fee and Publication Fee of requirements of the applicant; a registered attorney or as interest as shown by the records of the United States P. | red) will not be accepted from anyone   |

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

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ALRR:0061

FYV LAW

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NO. 961 P. 2

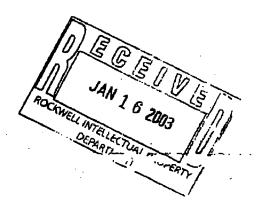


#### United States Patent and Trademark Office

UNITED STATIS DEPARTMENT OF COMMERCE United States Patent and Independ Office Address Comments of Patents and Traditional Office Workington, D.C. 20231

| APPLICATION NO. | FILING DATE    | PIRST NAMED INVENTOR | ATTORNEY DOCKET NO.            | CONFIRMATION NO. |
|-----------------|----------------|----------------------|--------------------------------|------------------|
| 09/675,858      | 09/29/2000     | Daniel J. Bolda      | 99AB139-A                      | 1079             |
| . 7             | 590 01/07/2003 |                      | •                              |                  |
| John J Horn     | .,             | •                    | EXAM                           | NER              |
| Rockwell Auto   | cond Street    |                      | JEANGLAUDE,                    | TEAN BRUNER      |
| Milwaukee, W    | 1 33294        |                      | ART UNIT                       | PAPER NUMBER     |
|                 |                |                      | 2819<br>DATE MALED: 01/07/2003 | $>$ $P^{\#}$     |

Please find below and/or attached an Office communication concerning this application or proceeding.





PTO-90C (Rev. 07-01)

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NO. 961 P. 4

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|      |       | NOTICE OF ABANDONMENT   | ·                             |    |
|------|-------|---|-------------------------------|----|
| Trie | app   | olloation is abandoned in view of:  |                               |    |
|      | App   | vicant's failure to timely file a proper response to the Office letter mailed on  |                               | ,, |
|      |       | A response (with a Certificate of Mailing or Transmission of) was, which is after the expiration of the period for response (including  |                               |    |
|      |       | time ofmonth(s)) which expired on   |                               |    |
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|      |       | (A proper response to a final rejection consists only of: a timely filed amendment which p condition for allowance; a Notice of Appeal; or the filing of a continuing application under |                               |    |
|      |       | No response has been received.  |                               |    |
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| •    |       | The proposed new formal drawings filed are not acceptable.  |                               |    |
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|      | 1     | e express abandonment under 37 CFR 1.62(g) in favor of the FWC application filed on   |                               |    |
|      |       | e letter of express abandonment which is signed by the attorney or agent of record, the as<br>crest, or all of the applicants.  | signee of the entire          |    |
|      |       | e letter of express abandonment which is signed by an attorney or agent (acting in a repre<br>CFR 1.34(a) upon the filing of a continuing application.                                  | sentative capacity under      | ŧ  |
| _}•  |       | e decision by the Board of Patent Appeals and Interferences rendered onseeking court review of the decision has expired and there are no allowed dalms.                                 | and because the period        |    |
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| -ORM | 4 PTO | 9-1432 (REV. 10-95)   | TOM HAWKINS                   | :  |

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NO. 961 P. 5

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable see(s), to: Mail Box ISSUE FEE

Commissioner for Patents

Washington, D.C. 20231 (703)746-4000 Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 4 should be completed where appropriate. All further correspondence including the Pakent, advance orders and notification of maintenance feer will be mailed to the current correspondence address an indicated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for

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John J Horn Rockwell Automation 1201 South Second Street Milwaukee, WI 53204

Note: A certificate of mailing can only be used for demestic mailings of the Feo(s) Transmittal. This certificate cannot be used for any other scoompanying papers. Hech additional paper, such as an estignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission I hereby certify that this Fec(s) Transmitted is being deposited with the United States Formal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USFTO, on the date indicated holow.

Susan M. Donahue (Depositor's parec (Signature) Susan M Dona November 12 2002

ATTORNEY DOCKET NO. CONFIRMATION NO. PIRST NAMED INVENTOR APPLICATION NO. FILING DATE 99AB139-A 1079 Daniel J. Bolde 09/29/2000 09/675,858

title of invention: adjustable gain precision full wave rectifier with reduced error

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| JEANGLAUDE, J   | EAN BRUNER  | 2819           | 341-139000   |  |   |
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent, inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover, Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE

Rockwell Automation Technologies, Inc. Mayfield Heights, Ohio 44124

| Please chook the appropriate assignee category or catego  | ries (will not be printed on the patent)                      | 🔾 individual       | nonporation or other private group ent   | ity 🖸 gove <del>वाकाका</del> |
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| D Publication Fee   | ☐ Payment by credit card                                      | Form PTO-203       | B is attached.   |                              |
| ☐ Advance Order - # of Copies   | M The Commissioner is h<br>Deposit Account Number             | reby authorized    | by charge the required fee(s), or credit an(enclose an extra copy of this form), | y overpayment, in            |
| Commissioner for Patents is requested to apply the Issue  | Fee and Publication Fee (If any) or to re-                    | apply any previo   | ously paid issue fas to the application idea                                     | dfied above.                 |
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other than the applicant, a registered attorney or agent; or the assignee or oth interest as shown by the records of the United States Patent and Trademark Office.

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ROCKWELL AUTOMATION

NO. 961 P. 6

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Daniel J. Bolda et al.

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Serial No.:

09/675,858

Filed:

For:

September 29, 2000

ADJUSTABLE GAIN PRECISION FULL WAVE RECTIFIER WITH

REDUCED ERROR

Group Art Unit:

2819

Examiner:

Jeanglaude, Jean B.

Atty Docket: 99AB139-A/YOD

(ALBR:0067-1)

Assistant Commissioner

for Patents

Washington, D.C. 20231

ATTN: OFFICIAL DRAFTSMAN

CERTIFICATE OF MAILING 37 C.F.R. 1.8

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Sir:

#### TRANSMITTAL OF FORMAL DRAWINGS

Enclosed are two (2) sheets of formal drawings for the above-referenced patent application.

Respectfully submitted,

Date:

Patrick S. Yoder Reg. No. 37,479

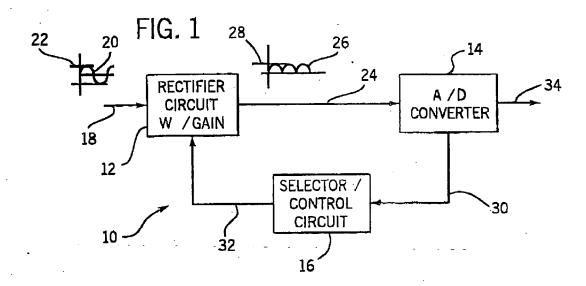
Fletcher, Yoder & Van Someren

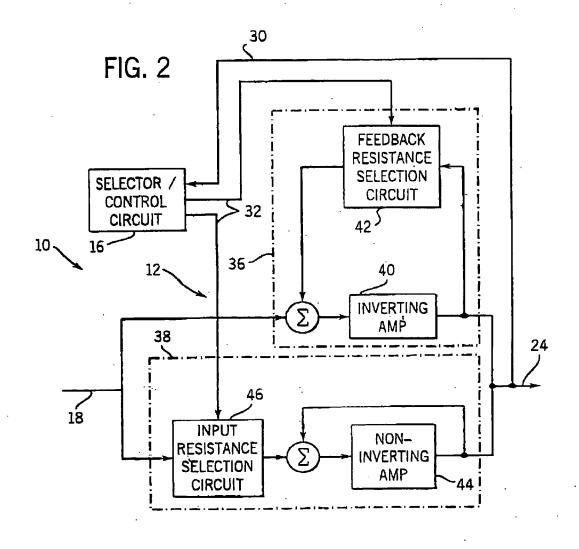
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NO. 961 P. 7







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| Please indicate receipt of<br>the below-identified paper |   |                         |             | . "              |
|--|---|-------------------------|-------------|------------------|
| ☐ New Application  | Specification:  | _ Pages; —Dr            | awings:     | _ Sheets         |
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| Assignment enclosed                                      | ;   |                         |             | Mail             |
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| Applicant Daniel J.                                      | Bolda et al.  | Office of Patent        | Publication |                  |
| Client Rockwel   | 1   | Director's              | Office      |                  |
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| Mailed 01/23/03  | Filed   | Due D                   | ate         |                  |

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Daniel J. Bolda et al. Group Art Unit: 2819 Serial No.: 09/675,858 Examiner: Jeanglaude, Jean B. Filed: September 29, 2000 For: ADJUSTABLE GAIN PRECISION Atty. Docket: 99AB139-A/YOD FULL WAVE RECTIFIER WITH ALBR:0067--1 REDUCED ERROR

Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING 37 C.F.R. 1.8

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January 23, 2003

ate

Sir:

# PETITION UNDER 37 C.F.R. § 1.181 (or § 1.8 (b)) TO WITHDRAW HOLDING OF ABANDONMENT

This Petition is filed in response to the Notice of Abandonment (Exhibit 1) mailed on January 7, 2003. The Notice of Abandonment states that no proposed new formal drawings were received and that the above-referenced application has been abandoned because of Applicants' failure to timely file new formal drawings as required in the Notice of Allowability (Exhibit 2). In view of the remarks set forth below, Applicants respectfully request withdrawal of the holding of abandonment.

On October 23, 2002, Applicants timely filed new formal drawings as required in the Notice of Allowability. Attached is a copy of the transmittal (Exhibit 3) with the accompanying certificate of mailing and formal drawings. Also attached is the postcard (Exhibit 4) evidencing receipt by the Patent & Trademark Office on October 29, 2002.

Serial no. 09/675,858 Petition under 37 CFR § 1.181 Page 2

In view of these facts, a complete response to the Notice of Allowance was filed in a timely manner, so the above-referenced application was not abandoned and should not now be considered abandoned. Accordingly, it is respectfully requested that the attached documents be accepted and entered into the file for the above-referenced application. It is further respectfully requested that the Commissioner withdraw the holding of abandonment and reinstate the application with its original filing date.

For additional support, attached are a Statement (Exhibit 5) attesting on a personal knowledge basis to the timely mailing of the formal drawings, a copy of the issue fee transmittal (Exhibit 6), and a copy of the postcard (Exhibit 7) evidencing receipt of the issue fee transmittal. Finally, clean copies of the two sheets of formal drawings are enclosed.

It is not believed per 37 C.F.R. § 1.181 (or § 1.8(b)) that any fees are required for filing this Petition. However, the Commissioner is authorized to charge Assignee's Deposit Account No. 01-0857; Order No. 99AB139A/YOD (ALBR:0067--1) for any fees which may be required.

Respectfully submitted,

Date:  $\frac{1/25/2003}{}$ 

Patrick S. Yoder Reg. No. 37,479 Fletcher, Yoder & Van Someren P.O. Box 692289 Houston, TX 77269-2289

CORRESPONDENCE ADDRESS
ALLEN-BRADLEY COMPANY, LLC
Patent Department/704P Floor 8 T-29
1201 South Second Street
Milwaukee, Wisconsin 53204
Attention: Mr. Alexander Gerasimow

Phone: (414) 382-2000

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ROCKWELL AUTOMATION

EXHIB IT

NO. 961

P. 2



|             | APPLICATION NO.                 | FILING DATE     | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.            | CONFIRMATION NO. |
|-------------|---------------------------------|-----------------|----------------------|--------------------------------|------------------|
| <del></del> | 09/675,858                      | 09/29/2000      | Daniel J. Bolda      | . 99AB139-A                    | 1079             |
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|             | John J Horn                     | •               |                      | EXAM                           | NER              |
|             | Rockwell Auto<br>1201 South Sec | cond Street     |                      | JEANGLAUDE,                    | DEAN BRUNER      |
|             | Milwaukee, W                    | 1 53204         |                      | ART UNIT                       | PAPER NUMBER     |
|             |                                 | ·               |                      | 2819<br>DATE MALED: 01/07/2003 | > PHI            |

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PTO-90C (Rev. 07-01)

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ROCKWELL AUTOMATION

NO. 961

EXHIBIT 1



# UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

| APPLICATION NUMBER | FILING DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NO.   |
|--------------------|-------------|-----------------------|-----------------------|
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DATE MAILED:

#### NOTICE OF ABANDONMENT

| This  | s application is abandoned in view of;  |  |
|---|---|--|
|   | Applicant's failure to timely file a proper response to the Office letter mailed on   | •  |
|   | A response (with a Certificate of Mailing or Transmission of) was, which is after the expiration of the period for response (including  | as received on<br>a a total extension of           |
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|   | (A proper response to a final rejection consists only of: a timely filed amendment which condition for allowance; a Notice of Appeal; or the filing of a continuing application under | places the application in<br>er 37 CFR 1,62 (FWC). |
|   | ☐ No response has been received.  |  |
|   | Applicant's failure to timely pay the required issue fee within the statutory period of three moon of the Notice of Allowance.  | enths from the mailing date                        |
|   | ☐ The issue fee (with a Certificate of Mailing or Transmission of) was  | received on  |
|   | ☐ The submitted issue fee of \$is insufficient. The issue fee required by 37 CFF  | 7 1.18 is \$                                       |
| •••   | ☐ The issue fee has not been received.  |  |
| Applicant's failure to timely file new formal drawings as required in the Notice of Allowability. |   |  |
| 1   | Proposed new formal drawings (with a Certificate of Mailing or Transmission of  | ) were   |
|   | ☐ The proposed new formal drawings filed are not acceptable.  | •  |
|   | No proposed new formal drawings have been received.   |  |
|   | The express abandonment under 37 CFR 1.62(g) in favor of the FWC application filed on   | <del></del>  |
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|   | The letter of express abandonment which is signed by an attorney or agent (acting in a repr<br>37 CFR 1.34(a) upon the filing of a continuing application.                            | esentative capacity under                          |
|   | The decision by the Board of Patent Appeals and Interferences rendered on for seeking court review of the decision has expired and there are no allowed claims.                       | ·  |
|   | The reason(s) below:  | ABANDONMENT<br>CONTACT PERSON IS:<br>TOM HAWKINS   |
| FORM  | (, PTO-1432 (REV. 10-85)  | 205 9200   |

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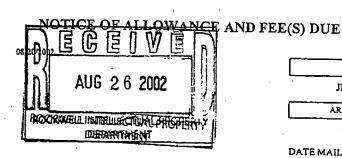
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DATE MAILED: 08/20/2002

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John J Horn Rockwell Automation 1201 South Second Street Milwaukee, WI 53204



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|           |                |
| ART UNIT  | CLASS-SUBCLASS |

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO.

09/675,858 09/29/2000 Daniel J. Bolda 99AB139-A 1079

DOCKET TED

TITLE OF INVENTION: ADJUSTABLE GAIN PRECISION FULL WAVE RECTIFIER WITH REDUCED ERROR

CHECO AY

APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1280 \$0 \$1280 \$11/20/2002

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Page 1 of 4

RAV ALBR:0067

PTOL-35 (REV. 04-02) Approved for use through 01/31/2004.

p. 2/3

|  | <del>-,</del>                      | ·  |  | Ø1.13                    | ٧                   |
|--|------------------------------------|--|--|--------------------------|---------------------|
|  | Application                        | No.  | Applicant(s)   |                          |                     |
| Notice of Allowability   | 09/675,858                         |  | BOLDA ET AL.   |                          |                     |
| Notice of Allowability   | Examiner                           |  | Art Unit   |                          |                     |
|  | Jean B Jea                         | nglaude  | 2819   | ı                        |                     |
| The MAILING DATE of this communication appeall claims being allowable, PROSECUTION ON THE MERITS IS  | ears on the c                      | over sheet with the co                                   | errespondence addre                                  |                          |                     |
| herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313   | IGHTS. This                        | application is subject to                                | will be mailed in due<br>withdrawal from issu        | course. TH a at the init | IS<br>iative        |
| 1. This communication is responsive to amendment files on the  | 06-19-02.                          |  |  |                          |                     |
| 2. The allowed claim(s) is/are 32-69.  |                                    |  | •  |                          |                     |
| 3. The drawings filed on are accepted by the Examine   |                                    |  |  |                          |                     |
| <ul> <li>4. ☐ Acknowledgment is made of a claim for foreign priority und</li> <li>a) ☐ All b) ☐ Some* c) ☐ None of the:</li> </ul>   |                                    |  |  |                          |                     |
| <ol> <li>Certified copies of the priority documents have</li> </ol>  |                                    |  | ~  |                          |                     |
| <ol><li>Certified copies of the priority documents have</li></ol>  |                                    |  |  |                          | į                   |
| 3. Copies of the certified copies of the priority do   | cuments have                       | been received in this n                                  | ational stage applicat                               | ion from th              | <sub>ie</sub> – · j |
| International Bureau (PCT Rule 17.2(a)).   |                                    |  | , , ,  |                          | .                   |
| * Certified copies not received;   |                                    |  |  |                          |                     |
| 5. Acknowledgment is made of a claim for domestic priority up  | nder 35 U.S.C                      | . § 119(e) (to a provisio                                | nal application).                                    |                          |                     |
| (a) The translation of the foreign language provisional a  |                                    |  | ,  |                          |                     |
| 6. Acknowledgment is made of a claim for domestic priority up  | nder 35 U.S.C                      | . §§ 120 and/or 121.                                     |  |                          |                     |
| Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of 7.   A SUBSTITUTE OATH OR DECLARATION must be subminformal PATENT APPLICATION (PTO-152) which gives reas | this application                   | n. THIS THREE-MON attached EXAMINER!                     | TH PERIOD IS NOT I                                   | EXTENDA                  | BLE.                |
| ,  | (-7 3                              |  |  |                          |                     |
| 8. 🖾 CORRECTED DRAWINGS must be submitted.   |                                    |  |  |                          |                     |
| (a) including changes required by the Notice of Draftspers   | son's Patent [                     | Prawing Review (PTO-9                                    | 948) attached  |                          |                     |
| 1) ☐ hereto or 2) ⊠ to Paper No. 9.  |                                    |  |  |                          |                     |
| (b) including changes required by the proposed drawing of  |                                    |  |  |                          |                     |
| (c) including changes required by the attached Examiner  | s Amendmen                         | t / Comment or in the O                                  | ffice action of Paper N                              | 10                       |                     |
| Identifying indicia such as the application number (see 37 CFR 1, of each sheet. The drawings should be filed as a separate paper  | .84(c)) should i<br>with a transmi | pe written on the drawing<br>ttal letter addressed to th | ns in the top margin (no<br>ne Official Draftsperson | of the back)<br>1.       |                     |
| 9. DEPOSIT OF and/or INFORMATION about the depose attached Examiner's comment regarding REQUIREMENT FOR TO   | sit of BIOLO<br>HE DEPOSIT         | GICAL MATERIAL M<br>OF BIOLOGICAL MAT                    | ust be submitted. N<br>ERIAL                         | ote the                  |                     |
| Attachment(s)  |                                    |  |  |                          |                     |
| 1 Notice of References Cited (PTO-892)   |                                    | 2 Notice of Informal                                     |  | •                        |                     |
| 3 Notice of Draftperson's Patent Drawing Review (PTO-948)  |                                    | 4 Interview Summar                                       |  | 10                       |                     |
| <ul> <li>5☐ Information Disclosure Statements (PTO-1449), Paper No</li> <li>7☐ Examiner's Comment Regarding Requirement for Deposit</li> </ul>   | <del></del> ,                      | 6☐ Examiner's Amend 8☐ Examiner's Staten                 |  | llawassa                 |                     |
| of Biological Material   |                                    | 9 Other  | ient of Reasons for A                                | nowance                  |                     |
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|  |                                    |  | Kegun [  | cou.Vi.                  | ene                 |
|  |                                    |  | PEGUY JE   | NPIERRI                  | ΕĪ                  |
| •  | •                                  | •  | PRIMARY  | XAMINE                   | ₹                   |
|  |                                    |  |  |                          |                     |

F HIBIT Z

p 7/3



#### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

| APPLICATION NO.                       | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.     | CONFIRMATION NO |
|---------------------------------------|-------------|----------------------|-------------------------|-----------------|
| 09/675,858 09/29/2000 Daniel J. Bolda |             | Daniel J. Bolda      | 99AB139-A               | 1079            |
|                                       |             |                      | EXAMINER                |                 |
| ohn J Horn<br>Rockwell Automati       |             | •                    | JEANGLAUDE, JEAN BRUNER |                 |
| 1201 South Second                     | Street      |                      | ART UŅIT                | PAPER NUMBER    |
| Milwaukee, WI 53204                   |             | ·                    | 2819                    |                 |
| • •                                   |             | •                    | DATE MAILED: 08/20/2002 |                 |

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The patent term adjustment to date is 0 days. If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the term adjustment will be 0 days.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (http://pair.uspto.gov)

② 032

JAN. 16. 2003 11:43AM

ROCKWELL AUTOMATION

NO. 961

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

§

§

In re Application of:

Daniel J. Bolda et al.

09/675,858

Filed:

Serial No.:

September 29, 2000

For:

ADJUSTABLE GAIN PRECISION

FULL WAVE RECTIFIER WITH

REDUCED ERROR

Group Art Unit:

2819

Examiner:

Jeanglaude, Jean B.

Atty Docket: 99AB139-A/YOD

(ALBR:0067-1)

Assistant Commissioner for Patents

Washington, D.C. 20231

ATTN: OFFICIAL DRAFTSMAN

CERTIFICATE OF MAILING 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date below.

10/23/02

Sir:

#### TRANSMITTAL OF 1 DRMAL DRAWINGS

Enclosed are two (2) sheets of formal dr: vings for the above-referenced patent application.

Respectfully submitted,

Patrick S. Yoder Reg. No. 37,479

Fletcher, Yoder & Van Someren

P.O. Box 692289 (281) 970-4545

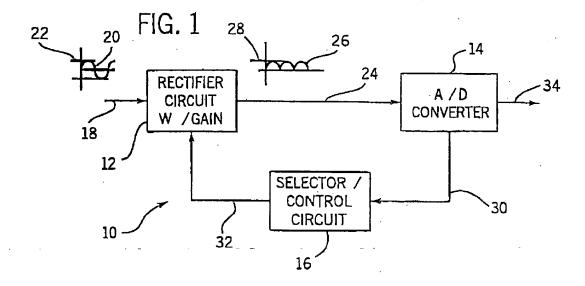
JAN. 16. 2003 11:43AM

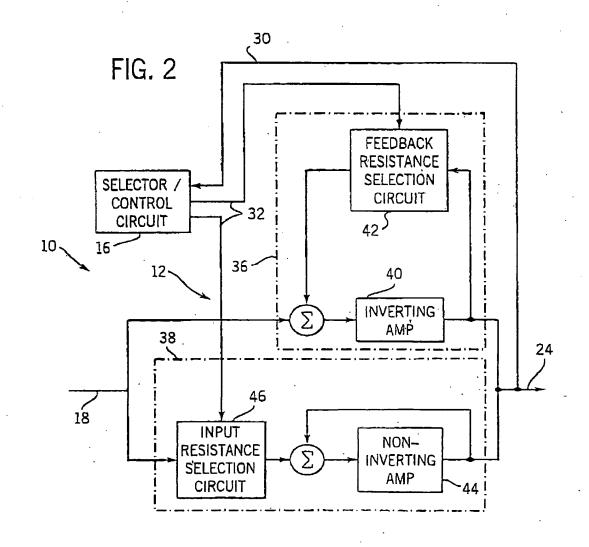
ROCKWELL AUTOMATION

NO. 961 P. 7

EXHIBIT 3.

P=2/3





JAN. 16. 2003 11:44AM

ROCKWELL AUTOMATION

NO. 961 P. 8

EXHIBIT 3. P.3/3

EXHBIT 4

p. 1./1

| Please indicate receipt of the below-identified paper.   | CT 2 9 2002   |
|--|---|
| New application  | - Specification: - Pages; Dewings: - Sheet                                |
| Continuation   | Divisional CIP CIPA   |
| Response to Office Action of Other Transmittal o   | dated Final Rejection from Drwings; 3 sheets of formal drawing            |
|  |   |
|  |   |
| Assignment enclosed  | ☐ Cert. Of Timely Mailing ☐ Express Ma                                    |
| Identification of Application:<br>Serial No.   | 09/675,858  |
| Identification of Application: Serial No. Title ADJUSTABLE GAT   | 09/675,858<br>N PRECISION FULL WAVE RECTIFIER WITH                        |
| Identification of Application: Serial No. Title ADJUSTABLE GAT WITH REDUCED E  | 09/675,858<br>N PRECISION FULL WAVE RECTIFIER WITH<br>RECOR               |
| Identification of Application: Serial No. Title ADJUSTABLE GAT WITH REDUCED E Applicant Caniel J. 3                  | 09/675,858<br>N PRECISION FULL WAVE RECTIFIER WITH<br>RROR<br>olda et al. |
| Identification of Application:  Serial No. Title ADJUSTABLE GAT WITH REDUCED E Applicant Caniel J. 3 Client RECEIVED | 09/675,858 N PRECISION FULL WAVE RECTIFIER WITH RROR olda et al.          |
| Identification of Application: Serial No. Title ADJUSTABLE GAT WITH REDUCED E Applicant Daniel J. 3                  | 09/675,858 N PRECISION FULL WAVE RECTIFIER WITH RROR olda et al.          |

## Exhibit 5

P. 1/2

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re  | Application of: Daniel J. Bolda et al.                                 | <b>§</b><br>§                                 |
|--------|--|---|
| Serial | No.: 09/675,858  | § Group Art Unit: 2819<br>§                   |
| Filed: | September 29, 2000   | § Examiner: Jeanglaude, Jean B<br>§           |
| For:   | ADJUSTABLE GAIN PRECISION<br>FULL WAVE RECTIFIER WITH<br>REDUCED ERROR | § Atty. Docket: 99AB139-A/YOD<br>§ ALBR:00671 |

Sir:

# DECLARATION OF LYNDA HOWELL IN SUPPORT OF PETITION UNDER 37 C.F.R. § 1.181 (or 1.8(b)) TO WITHDRAW HOLDING OF ABANDONMENT

I, Lynda Howell, a citizen of the United States of America, declare that:

- 1. All statements herein made of my own knowledge are true and that all statements herein made on information and belief are believed to be true and, further, that these statements are made with the knowledge that willful false statements, and the like, are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the Application or any patent issuing thereon.
  - I reside at 7722 Covington Drive, Houston, Texas, 77095.
- 3. I am employed at the firm of Fletcher, Yoder & Van Someren, located at 7915 FM 1960 West, Suite 330, Houston, Texas 77070. I support Pat Yoder who is outside counsel to Allen-Bradley Company and the attorney of record in the above-referenced Patent Application.
- 4. On October 23, 2002, I filed the transmittal with attached formal drawings for the above-referenced Patent Application, and executed the accompanying certificate of mailing.

P. 2/2

Serial no. 09/675,858 Declaration of Lynda Howell in Support of Petition

Page 2

5. I attest on a personal knowledge basis to the timely mailing of the formal drawings on October 23, 2002 for the above-referenced Patent Application in response to the Notice of Allowance mailed on August 20, 2002.

Date:  $\sqrt{23/03}$ 

Lynda Howell

Fletcher, Yoder & Van Someren

P.O. Box 692289

Houston, TX 77269-2289

Tel.: (281) 970-4545 Fax: (281) 970-4503 JAN. 16. 2003 11:43AM

ROCKWELL AUTOMATION

NO. 961 P. 5

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable see(6), to: Mall Box ISSUE FEE

Commissioner for Patents Washington, D.C. 20231

Fax (703)746-4000

INSTRUCTIONS: This form should be used for transmixing the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 4 should be completed where appropriate, All further correspondence including the Paint, advance orders and notification of maintenance free will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a reparate TEE ADDRESS\* for TRAINTEGRANCE FOR DOUTICATIONS.

CURRENT CORRESPONDENCE ADDRESS (Nov. Louply markets and they controlled to the Head II.

08/20/2002

John J Hom Rockwell Antomation 1201 South Second Street Milwaukee, WI 53204

O Publication Fee

Advance Order - # of Copies \_

Note: A cornicate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate exames be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transminal is being depested with the Umited States Portal Service with sufficient postage for ilest class mail in an eavelope addressed to the Box Israe Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Susan M. Donahue (Deporture super Ssusan M (Signatura) November 12 2002

APPLICATION NO. FILMO DATE PIRST NAME! INVENTOR ATTORNEY DOCKET NO. CONFERMATION NO. 09/675.858 09/29/2000 Daniel J. Bolds 99AB139-A 1079

TITLE OF INVENTION: ADJUSTABLE GAIN PRECISION FULL WAVE RECTIFE & WITH REDUCED ERROR

| APPLN. TYPE   | SMALL ENTITY  | 199UE FEE  |                                    | PUBLICATION FEE   | TOTAL PEP(5) DUE   | DATE DUE                 |
|---|---|--|------------------------------------|---|--|--------------------------|
| nonprovisional  | ОМ  | \$1280   |                                    | \$0   | \$1280   | 11/20/2002               |
| EXAMI   | NER   | ART UNIT   | CLAS                               | -SUBCLASS   |  |                          |
| JEANGLAUDE, J   | ean bruner  | 2819   | 34                                 | -139000   |  |                          |
| I. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) aracined.  C "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. |   | the name or agent single : attorney                          | or agent) and the names of up to 2 |   | A. Van Someren<br>der M. Gerasimo<br>m R. Walbrun                                    |                          |
| . ASSIGNEE NAME AND   | RESIDENCE DATA TO   | BE PRINTED ON THE  | PATENT                             | print or type)  |  |                          |
| PLEASE NOTE: Unices a boom previously submitted (A) NAME OF ASSIGNE   | n assignee is identified being s<br>to the USPTO or is being s<br>E | ow, no assignee data wi<br>ubmitted under separate<br>(B) RE | sovet. C                           | nd the patent, Inclusion of<br>impletion of this form is N<br>(CITY and STATE OR) | (assignce date is only appropriat<br>OT a substitute for filing an assig<br>COUNTRY) | e when an assignment has |
| Rockwell Autor  | mation Technol  | ogies, Inc.  | Mayf:                              | eld Heights,  | Ohio 44124   |                          |
| lease theck the appropriate   | क्षश्चंद्वराटः टबक्ट्वराप्र.का दशक्ष                                | ories (will not be printed                                   | loathe F?                          | mnt) . O individual   | R corporation or other private gr  | oup cadiry O government  |
| ls. The following fec(s) are  |   |  | ment of ?                          |   |  |                          |
| & Israe Fee   |   | □∧ch   | ock in the                         | amount of the fee(s) is ent   | closed.  |                          |

The Commiss: there is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 01-0857 (enclose an extra copy of this form). Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fae to the application identified above.

O Payment by credit card. Form PTO-2038 is attached.

(Authorized Signature) NOTE; The Issue Fee and Publication Fee of required will not be accepted from snyone other than the applicant; a registered attorney or agent, or the assignce or other party in interest as shown by the records of the United States Patter and Trademark Office.

This collection of information is required by 37 CFR 1311. The information is required to obtain or tetain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual care. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Internation Officer. U.S. Department of Commerce, Weshington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

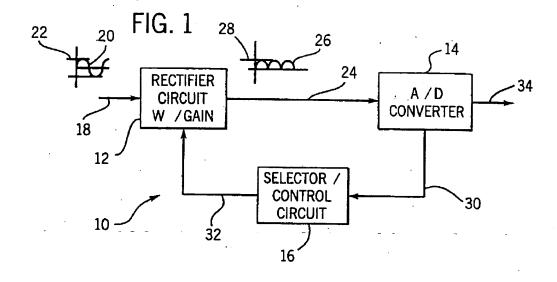
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

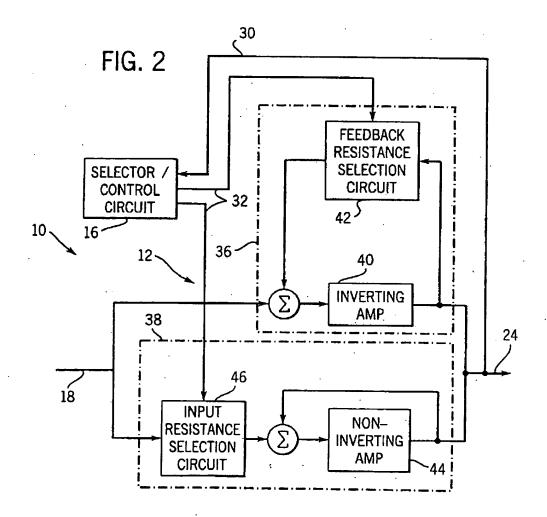
TRANSMIT THIS FORM WITH FEE(S)

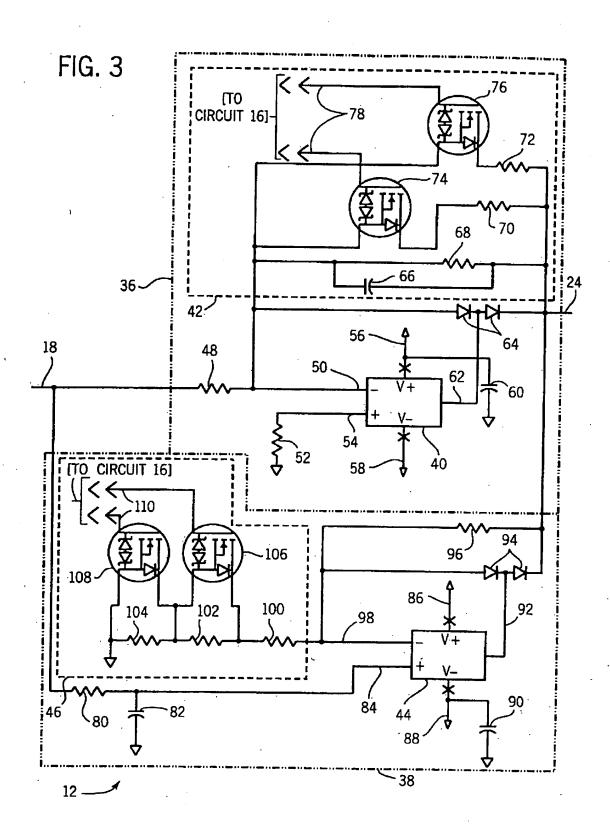
PTOL-S5 (REV. 04-02) Approved for use through 01/31/2004, OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

NO. 961 ROCKWELL AUTOMATION JAN. 16. 2003 11:43AM Please indicate receipt of the materials enclosed herewith by stamping and malling this raid: 🚛 Daniel J. Bolda, et al. Applicant \_ 09/675,858 Serial # \_ Filed \_\_\_\_ September 29, 2000 Adjustable Gain Pracision Full Wave Rectifier with Reduced Error 99AB139-A / RAV/AMG Docket No./Attorney PART B - ISSUE FEE TRANSMITTAL RE5015A Date Mailed







| Please indicate receipt of the below-identified paper:  |
|---|
| New Application Specification: Pages; Drawings: Sheets  |
| ☐ Continuation ☐ Divisional ☐ CIP ☐ CPA   |
| 7 n   |
| Please indicate receipt of the below-identified paper:  |
| ☐ New Application ☐ Specification ☐ Pages; Drawings: Sheets   |
| ☐ Continuation ☐ Divisional ☐ CIP ☐ CPA   |
| ☐ Response to Office Action dated ☐ Final Rejection ☐ Other   |
| OIPE  |
| Assignment enclosed   |
| Identification of Application:  Serial No.  Title ADJUSTABLE GAIN PRECISION FULL WAVE SECTIFIER  WITH REDUCED ERROR |
| Applicant Daniel J. Bolda et al.  Client Rockwell 67-1  AI RR (1985/99AB139-A Attorney YOD                          |
| File No. <u>ALBR 9795799AB139-A</u> Attorney YOD  Mailed 02/11/04 Filed Due Date                                    |

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Daniel J. Bolda et al.

Serial No.:

09/675,858

Filed:

September 29, 2000

For:

ADJUSTABLE GAIN PRECISION

FULL WAVE RECTIFIER WITH

REDUCED ERROR

00000000000

Group Art Unit:

2819

Examiner:

Jeanglaude, Jean B.

.

Atty. Docket: ALBR:0067-1/YOD

99AB139-A

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 CERTIFICATE OF MAILING 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

February 11, 2004

Date

Lynda Howell

#### STATUS INQUIRY

A Petition under 37 C.F.R. § 1.181 (or 1.8(b)) to Withdraw Holding of Abandonment was filed on January 23, 2003 for above-referenced application and received in the Office of Patent Publication Director's Office on January 30, 2003. We again submitted the Petition to Withdraw Holding of Abandonment (via Facsimile) on November 5, 2003 to Examiner Hien Phan. However, since that time, Applicants have received no response from the United States Patent and Trademark Office. Applicants respectfully request that the Patent Office provide the undersigned with the current status of the above-referenced application.

The Patent Office is encouraged to contact the undersigned at the number listed below with any questions.

Respectfully submitted,

Date: 💤/11 /2001

Patrick S. Yoder Reg. No. 37,479 FLETCHER YODER P.O. Box 692289 Houston, TX 77269-2289 (281) 970-4545